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KIGMIDE H-120

KINGMIDE H-120 is a high molecular weight polyamide resin especially designed for hot melt-adhesive use. KINGMIDE H-120 is easy to soluble in mixed organic solvent –such as toluene and alcohol type solvent. This resin has the characteristics of high softening point, and high molten viscosity so that it is suitable for applications were high heat resistance and high adhesive strength and good toughness are particularly needed.

1. SALES SPECIFICATIONS

Appearance	：Small pellet with amber color.
Softening Point (℃)	：120 ± 5
Viscosity (mPa・s / 200℃)	：2,200 ~ 2,800
Color (Gardner)	：12 Max.
Acid Value (mg-KOH / gm)	：7 Max.
Amine Value (mg-KOH / gm)	：3 Max.

2. PHYSICAL PROPERTIES (MECHANICAL STRENGTH)

Tensile Strength (kgf / cm^2)	：50± 10
Yield Strength (kgf / cm^2)	：75± 10
Elongation (%)	：310± 10
Water Absorption after 7 days(%)	：0.5
Application temperature (℃)	：160~190

3. HANDLING AND SAFETY PRECAUTIONS

(1) KINGMIDE H-120 is virtually inert material and no special precautions are required in it’s handling.

(2) KINGMIDE H-120 has the hygroscopic property so that it should be stored in a cool, and dry place and even after using, seal the bag tightly and place it in a dry storage as well.

4. PACKAGING

20 kg net, paper bag.